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August 6, 2012

**Via Federal Express**

United States Environmental Protection Agency - East  
Attn: TSCA Section 8(e)  
Room 6428  
1201 Constitution Avenue, NW  
Washington, DC 20004



**Subject:** Notice in Accordance with TSCA Section 8(e): Results of a 14-Day Range Finding Study in Wistar Rats with Amines, C<sub>11-14</sub>-branched alkyl, monohexyl and dihexyl phosphates (CAS No. 80939-62-4)

Dear Section 8(e) Coordinator:

BASF Corporation is submitting results of a 14-Day Range Finding Study, for a OECD422 Study, in Wistar Rats with Amines, C<sub>11-14</sub>-branched alkyl, monohexyl and dihexyl phosphates (CAS No. 80939-62-4), conducted by BASF SE, Ludwigshafen, Germany. The test substance is a lubricant.

The study has been performed with the dose levels of 0, 300, or 1000 mg/kg body weight per day via gavage with 4 male and 4 female rats per dose group.

The following findings occurred:

The animals dosed with 1000 mg/kg body weight per day were euthanized due to adverse effects on Day 9. Clinical signs consisted of lethargy, hunched posture, piloerection, diarrhea, salivation, chromodacryorrhea and lean appearance. On Day 5 of the study body weight losses of 7 to 13% (males) and 3 to 9% (females) were observed compared to the body weights at study start.

At 300 mg/kg body weight per day hunched posture, piloerection, salivation occurred in both sexes, starting on Day 5. Lean appearance was observed in females. Due to severe adverse findings, two females of this dose group were euthanized on Day 12. Males and euthanized females dosed with 300 mg/kg body weight per day lost body weight during the first 10 days of treatment (males: 1 to 11%; two euthanized females: 18 and 21%). The remaining two female rats at 300 mg/kg body weight per day gained 6 and 7% weight, compared to 0 to 11% in control rats.



BASF Corporation  
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Gelatinous content in gastrointestinal tract, dark-red foci in the stomach, irregular surface of the stomach, and small thymus were observed at necropsy in males and females at 1000 mg/kg body weight per day. One female had black foci at the adrenal glands. Gelatinous content in the gastrointestinal tract and small thymus were present in females euthanized at 300 mg/kg body weight per day. No macroscopic abnormalities were observed in males and the surviving females at 300 mg/kg body weight per day.

BASF Corporation understands that reporting of the results from this study under TSCA 8(e) is in accordance with EPA's policy.

If you have any questions, please contact the undersigned at (973) 245-6693.

Sincerely,

*Janet Cerra*

Janet Cerra  
Product Regulatory Center of Expertise  
North America

/

1371<sup>st</sup> Letter.doc

From: (973) 245-6693  
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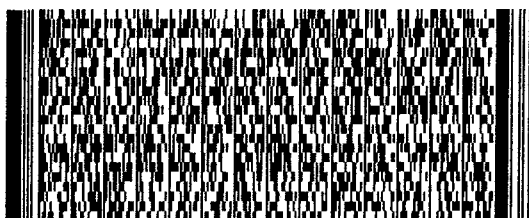
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